WHARTON COUNTY

WHARTON, TEXAS

Dec. 15, 1943

Mr Kermit Geary
Walnutport, Penn

Dear Sir:

I sincerely appreciate your letter regarding the reception of our Police Radio Station KWSO, your letter was addressed to the Police Department but this so happenes to be one of the few stations that is owned and operated by the County Sheriff Department, .

This station has been in continuos operation for a little longer than two years, I installed it , it cost the County something over $7000.00 for all equipment complete two way cars and the land station equipment, I have a 100 IBX Link main transmitter, I also use Link fixed frequency receivers in the Office, we use 33,220 mobile transmitters which are also Link but we use Motorolla Mobile fixed frequency receivers, we have a 150 ft. Wincharger transmitting antenna, with 35 foot Ultra high frequency receiving antenna on it.

The Court here authorized me to install Radio and so I not knowing anything about radio hired me a radio technician, one Robert Franklin of the Houston P.D., and Frnaklin told me that he would reccomend the Link equipment, and I purchased it and since have learned something in a small way about radio, and I think that the Link stuff would be very hard to beat in this field, I personally have only a 3rd class liscense but maintain a second class operator at all times he Blake McClean of this city and he is a former Ham, the man that instaled the equipment Mr Robert Franklin of Houston is now a Major in the Armed forces and last I heard from him he was in India, he Franklin made the KHTP Station of Houston, it is a composite unit, one thing that I believe that gives this 100 watt station such a coverage is , that when installing the transmitting antenna, I stuck 36,000 ft of junk copper wire under ground and I will always believe that it has given us the wonderfull coverage that we are getting.

I had contemplated as well as made some inquiries about increasing the power, but due to the materials being so short have decided to not make any changes what so ever untill after the war, of course any change made would be subject to the approval of the FCC, for as you know they are very exacting, and we must thoroughly prove that any additional power was a absolute necessity.

I have recently purchased a Haleicrafter Sky Chief or Rider I do not recall which and it is a second receiver, I will install it as soon as I get it in perfect condition, as I only monitor 1714 kc 1658, 33,220 and 30,700, I may add that we get a coverage of approximately 50 miles on our small 20 watt mobile Link transmitters.

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I am more than glad that y u wrote me the letter and in the event that you would like to know something else about the equipment or this Department I will surely be glad to give it too you, for I have built this Department within the past few years to where it is the most modern and best ewuipped Sheriff Department within the State of Texas . I dont mean that we are better equipped than some of the Police Departments for San Antonio does have equipment equil to ours, but we are second to none so far as the She riff situation is concerned.

This is a County of 36,000 pouplation and is one of the richest in the state we have in this county the largest known sulpher producing plant and deposit in the world and we too have 15 individual oil fields as well as a number of natural gas producing fields.

You just feel at liberty to wbite for any othe information that you may wonde r about.

Yours very truly

Buckshot Lane

Buckshot Lane, Sheriff